

CPC**COOPERATIVE PATENT CLASSIFICATION****B60V**

AIR-CUSHION VEHICLES (devices for short-distance movement of heavy loads by providing a high-pressure fluid cushion, supplied from an independent source, between load and ground [B65G 7/06](#))

NOTE

The term "air-cushion vehicles" in this subclass includes all vehicles which are wholly or partly supported on land or water by air or other gaseous cushions

B60V 1/00

Air-cushion (land vehicles, waterborne vessels, or aircraft adapted or modified to travel on air cushion [B60V 3/00](#))

B60V 1/02

- wherein the cushion is generated and contained by at least one peripheral fluid curtain

B60V 1/04

- wherein the cushion is contained at least in part by walls

B60V 1/043

- .. { the walls being flexible ([skirt details B60V 1/16](#)) }

B60V 1/046

- .. { the walls or a part of them being rigid }

B60V 1/06

- wherein the cushion is formed within plenum chamber

B60V 1/08

- wherein the cushion is created during forward movement of the vehicle by ram effect

B60V 1/10

- in which the curtain-forming nozzle or the vehicle base is shaped to create a vortex curtain

B60V 1/11

- Stability or attitude control

B60V 1/115

- .. { by ground or water engaging means, e.g. rudders or wheels }

B60V 1/12

- .. by dividing the cushion

B60V 1/14

- Propulsion; Control thereof ([B60V 1/11](#) takes precedence)

B60V 1/145

- .. { using a water propeller }

B60V 1/15

- .. using part of the cushion-forming fluid

B60V 1/16

- Flexible skirts

B60V 1/18

- Body structure

B60V 1/20

- Spray deflectors

B60V 1/22

- provided with hydrofoils ([hydrofoils per se B63B 1/24](#))

B60V 3/00

Land vehicles, waterborne vessels, or aircraft, adapted or modified to travel on air cushions

- B60V 3/02
 - . Land vehicles, e.g. road vehicles
- B60V 3/025
 - . . { co-operating with a flat surface, e.g. transporting loads on platforms}
- B60V 3/04
 - . . co-operating with rails or other guiding means, e.g. with air cushion between rail and vehicle
- B60V 3/06
 - . Waterborne vessels
- B60V 3/065
 - . . { hulls therefor}
- B60V 3/08
 - . Aircraft, e.g. air-cushion alighting-gear therefor